AUTODOC CLUB

How to change rear wheel bearing on **AUDI Cabriolet (8G7, B4)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

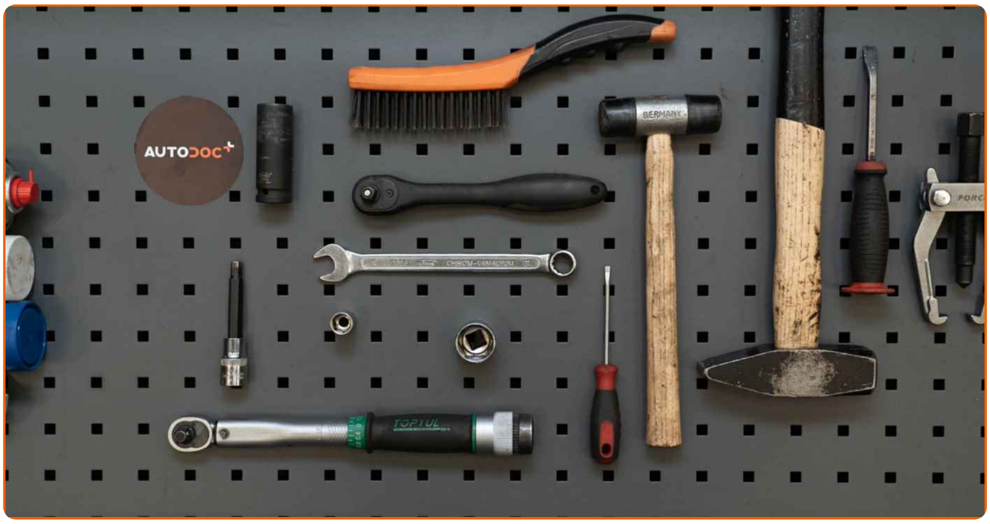
Important!

This replacement procedure can be used for:
AUDI Cabriolet (8G7, B4) 2.0 E, AUDI Cabriolet (8G7, B4) 2.6, AUDI Cabriolet (8G7, B4) 2.8, AUDI Cabriolet (8G7, B4) 1.9 TDI, AUDI Cabriolet (8G7, B4) 1.8

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A4 Saloon (8D2, B5) 1.6

REPLACEMENT: WHEEL BEARING – AUDI CABRIOLET (8G7, B4). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Multipurpose grease
- Copper grease
- Torque wrench
- Combination spanner #15
- Drive socket # 13
- Drive socket # 24
- HEX bit No.H8
- Wheel impact socket #17
- Ratchet wrench
- Bush and bearing driver set
- Flat screwdriver
- Rubber mallet
- Tap wrench
- Hammer
- Hub slide hammer puller
- Universal puller
- Crow bar
- Wheel chock

Buy tools

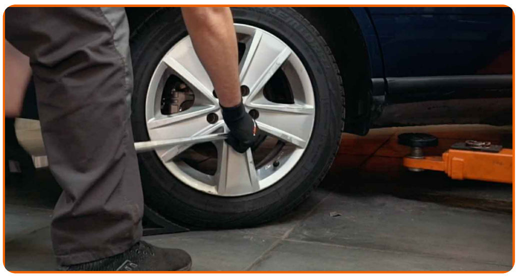
AUTODOC recommends:

- Do not re-use the bearing assembly of your AUDI Cabriolet (8G7, B4) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – AUDI Cabriolet (8G7, B4) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



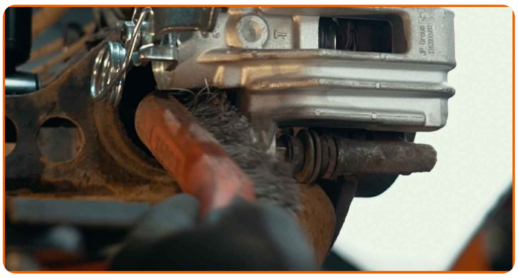
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
  AUDI Cabriolet (8G7, B4)

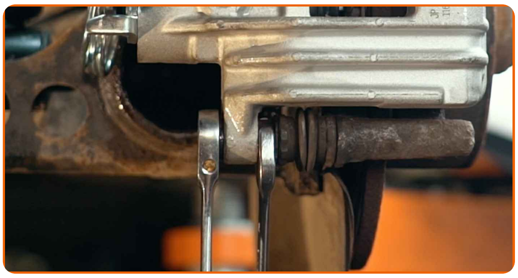
5 Remove the wheel.



6 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



7 Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



8 Remove the brake caliper. Use a crowbar.



Replacement: wheel bearing – AUDI Cabriolet (8G7, B4). Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

9

Remove the brake pads.



10

Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



11

Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench. Use a tap wrench.



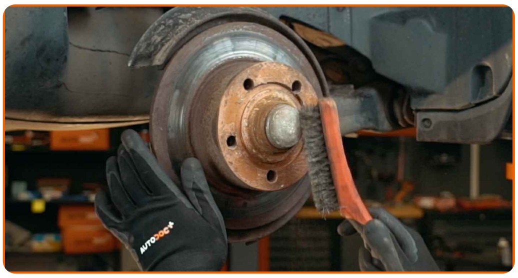
12

Remove the caliper bracket.



13

Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

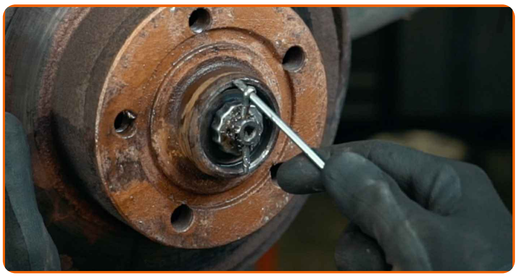


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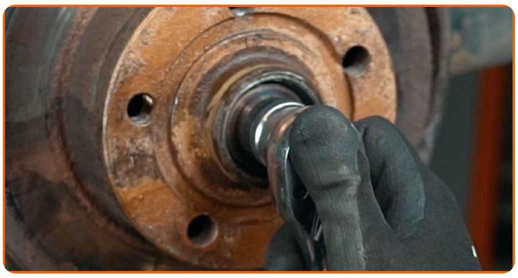
Remove the wheel hub nut cap. Use a hammer. Use a crowbar.



15 Remove the cotter pin securing the hub nut. Use a crowbar. Use a flat screwdriver.



16 Unscrew the hub nut. Use a drive socket #24. Use a tap wrench.



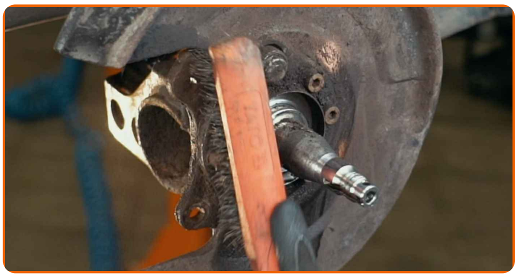
17 Remove the brake disc assemled with the wheel hub bearing. Use a crowbar.



18 Clean the stub axle. Use a wire brush. Use all-purpose cleaning spray.



19 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



20 Press out the wheel hub bearing. Use a bush and bearing driver set. Use a hammer.



21 Remove the bearing inner race from the wheel hub. Remove the inner oil seal of the wheel bearing. Use a universal puller. Use the hub slide hammer puller.



22 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

23 Press fit the new wheel hub bearing into the brake disc. Use a bush and bearing driver set. Use a hammer.



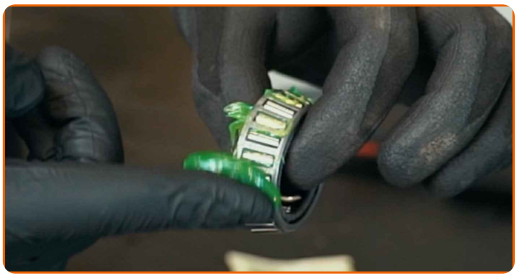
Replacement: wheel bearing – AUDI Cabriolet (8G7, B4). Tip:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

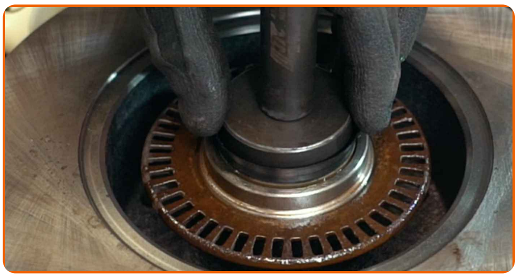
24 Install the inner race of the wheel bearing into the hub. Use a bush and bearing driver set. Use a hammer.



25 Treat the wheel hub bearing. Use a multipurpose grease.



26 Press in the inner oil seal of the wheel bearing. Use a bush and bearing driver set. Use a hammer.



27 Install the brake disc assembled with the wheel hub bearing.

28 Adjust the wheel bearing.

29 Screw on the hub nut. Use a drive socket #24. Use a ratchet wrench.



30 Install a new hub nut cotter pin. Use a hammer. Use a crowbar.



31 Install the cap of the hub nut. Use a rubber mallet.



32 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

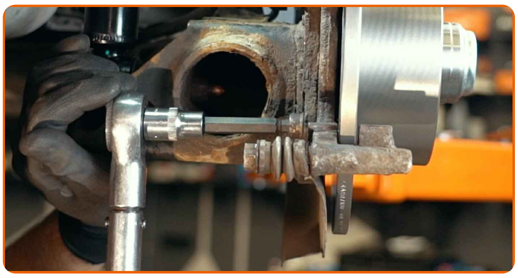


AUTODOC recommends:

- Replacement: wheel bearing – AUDI Cabriolet (8G7, B4). After applying the spray, wait a few minutes.

33 Install the brake caliper bracket.

34 Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 95 Nm torque.



35 Install the brake pads.



36 Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



37 Clean the wheel rim mounting seat. Use a wire brush.



38 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



39 Clean the brake disk surface. Use a brake cleaner.



Replacement: wheel bearing – AUDI Cabriolet (8G7, B4). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

40 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI Cabriolet (8G7, B4)

41 Screw in the wheel bolts. Use wheel impact socket #17.



42 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



43 Remove the jacks and chocks.

WELL DONE!

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ⓘ DISCLAIMER:

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